

**AMENDMENTS TO THE CLAIMS:**

**Please cancel claims 1-24, 26-64, and 67-70 without prejudice or disclaimer and amend the claims as follows:**

Claims 1.-64 (Canceled)

Claim 65. (Previously presented) A system for detecting an integrity constraint violation in a database interaction, comprising:

a common constraint model for analyzing database schema, application type, and a mapping between said database schema and said application type;

a generating unit for generating a check based upon said database schema, said application type, and said mapping;

an inserting unit for inserting said check into one of said database and said application;

and

a determining unit for determining whether an integrity constraint violation will occur in said database interaction with said application based upon said check.

Claim 66. (Previously presented) A method of constructing a program, comprising:

detecting, in an application, portions of said application code that will or may raise a database integrity constraint violation during an application-database interaction during runtime, the detecting including examining database schema, examining application type, and a mapping between the database schema and the application type;

generating an integrity check based upon said database schema, said application type, and said mapping;

inserting said integrity check notifying a programmer of such a definite or potential violation; and

completing the program.

Claims 67.-70. (Canceled)